

# Microsoft Training Options

Updated 6/14/2019



# Training and Learning

[Microsoft Training Options](#) – This site provides an overview of all the different training and learning paths available.

[Microsoft Learn](#) is the easiest way to learn products and services through task-based, interactive learning with over **80 hours** of free content.

[Pluralsight](#) - Explore more advanced Azure topics with over 130 free online courses across three Azure roles

[LinkedIn Learning](#) - Drive engagement through a learning experience that's personalized and social

[Role Based Certifications](#) - Earn a technical certification that shows you are keeping pace with today's technical roles and requirements.

[Instructor Lead Courses](#) - Choose a traditional classroom training setting or one of the Microsoft Official Course On-Demand (MOC On-Demand) options. (\$\$)

[Microsoft Hands-On Labs](#) - Practice with the latest cloud products and services in a live environment and advance your cloud skills for free.

[Azure Webinars](#) and [Azure Video Center](#) - Watch online presentations and get answers about Azure. Be sure to check out Azure Fridays and the upcoming Webinars.

[Microsoft Events](#) – Search for in-person, on-demand, and online events across all solution areas and products.

# Training and Certification

Microsoft offers a comprehensive collection of training options that empower technical professionals to learn in a style that fits best, allowing them to earn achievement badges for the skills they've learned, to help you earn achievements and prepare for Microsoft role-based certifications.

## Microlearning

Learn Microsoft technologies online for free in a bite-sized, engaging, and interactive way

- Step-by-step, bite-sized tutorials by product, skill level, and job role
- Hands-on learning with interactive browser-based scripting environments
- Immediate assessment via knowledge quizzes

☐ Microsoft Learn

## Online courses

Build practical job skills with online courses that align to role-based certification

- Self-paced, structured courses with the ability to track progress and maintain a transcript
- Hands-on learning with hands-on labs
- Knowledge assessments

☐ Microsoft Learning partners

☐ Pluralsight

☐ LinkedIn Learning

## Facilitated workshops

Sharpen your technical skills with scenario-based workshops

- 1 day focused around a specific Azure scenario: technical skills development via architectural solution design and/or hackathon.
- Extensive catalog with several foundational workshops
- Whiteboard Design and Hackathon content from MS boot camps

☐ Microsoft Learning Partner

☐ CSE 'Code with' Hackathons

## Instructor-led

Sharpen your technical skills with in-depth training solutions offered by Learning Partners

- Blended learning, in-person, and online to suit learning needs
- Delivered by Microsoft Certified Trainers
- Deep technical training to give you the technical expertise

☐ Microsoft Learning Partners

## Certification

Validate your skills with industry recognized certifications

- New role-based certifications, including varying levels (Fundamentals, Associate, Expert)
- Industry-recognized technical certifications
- Share "credentials" with your professional network with an online badge

☐ [aka.ms/MSCert](https://aka.ms/MSCert)

☐ Microsoft Learning Partners

# Azure Government Resources

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[Azure Government Training \(MS Learn\)](#)

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[Azure Government Videos](#)

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[Azure Government Trial](#)

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[Azure Government YouTube Channel](#)

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[Azure Government Blog](#)

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[Microsoft in Government Newsletter](#)

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[AI Business School for Government](#)

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[Azure Gov Meet Up](#)



# Recommendations for Getting Started



Get smart on AI with the [AI Business School for Government](#)



Take an introductory course on [Azure Government](#)



Learn the basics of Azure with [Azure Fundamentals](#)



Come to [Azure Gov Meet Up](#) (Next one on June 26<sup>th</sup>)



Explore [Azure Government Videos](#)



Search for in-person, on-demand, and online [Microsoft Events](#) across all solution areas and products.

# Upcoming Hackathons

FedHack	Date & Location	Description
<a href="#">FedHack - Azure Devops Open Source Hackathon</a>	July 10, 2019 9:30 AM - 4:00 PM Chevy Chase, Maryland	Do you leverage open source development tools in your environment like Jenkins, Ansible or Terraform? Want to see how those tools can be integrated with Azure Devops? This is the hackathon for you!
<a href="#">FedHack – Azure Security Center and Azure Sentinel Hackathon</a>	August 21, 2019 9:30 AM - 4:00 PM Chevy Chase, Maryland	Come and learn how to maximize your security profile in Azure with a deep dive into Azure Security Center and Azure Sentinel. Learn how to ensure all of your Azure Resources, including IaaS and PaaS, are protected.
<a href="#">FedHack – Microservices on Service Fabric Hackathon</a>	October 8, 2019 9:30 AM - 4:00 PM Chevy Chase, Maryland	Explore the power of Service Fabric container orchestration and microservices distributed computing environment.
<a href="#">FedHack – Azure Governance and Identity</a>	October 23, 2019 9:30 AM - 4:00 PM Reston, VA	Learn how to create policies leveraging Azure Blueprints and implement an identity strategy with Azure Active Directory
<a href="#">FedHack - DevSecOps on Azure</a>	November 13, 2019 9:30 AM - 4:00 PM Chevy Chase, Maryland	Explore DevSecOps in Azure in this day long hackathon event.
<a href="#">FedHack - Azure Serverless Hackathon</a>	November 20, 2019 9:30 AM - 4:00 PM Reston, VA	Serverless and Cloud Native applications can save organizations time on implementation and save cost for resources. Come and learn how to build a complete serverless application in Azure.
<a href="#">FedHack – Blockchain on Azure Hackathon</a>	December 4, 2019 9:30 AM - 4:00 PM Chevy Chase, Maryland	Have a need for Blockchain in your agency or organization? Want to see what Blockchain on Azure looks like? Join us for a day long hackathon exploring Blockchain technologies on Azure.

More Details  
can be found  
in the Long  
Guide



Microsoft AI School – Overview and Options



Microsoft Learn – Tutorial and Walk-Through



Pluralsight – Online Courses and Instructions



Role Based Learning Paths – Data Scientist, Data Engineer, AI Engineer, Azure Administrator, Azure Solutions Architect, Azure Developer

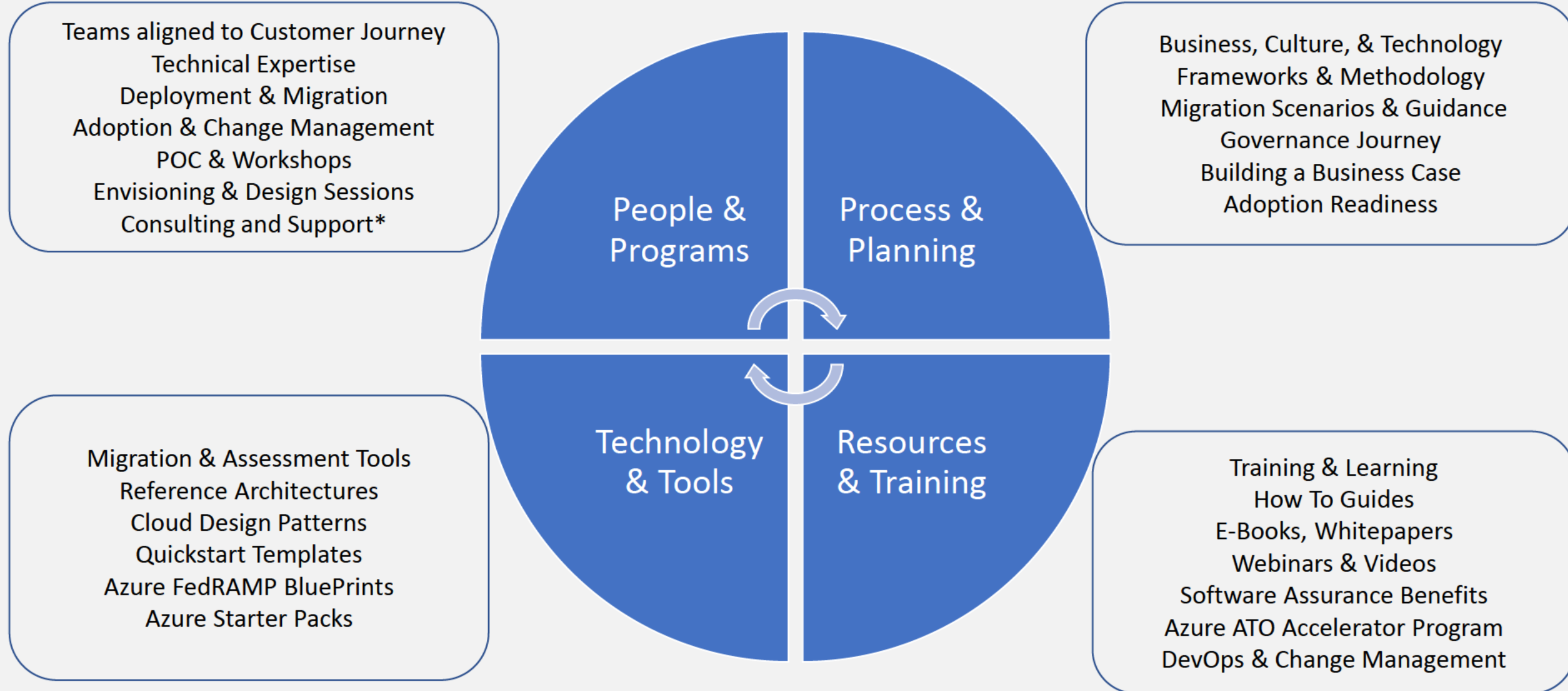


# How Microsoft can Support Government Digital Transformation

TTS Meeting – June 4<sup>th</sup> 2019



# How Microsoft Supports Gov Programs & Initiatives



# Microsoft Resources One-Pager

	Plan & Prepare	Ready & Assess	Migrate & Design	Adopt & Optimize	Secure & Manage
	Develop the business plan to guide cloud adoption in alignment with desired business outcomes.	Prepare the people, organization, and technical environment for execution of the adoption plan.	Ensure proper implementation of. Technical strategy required to execute a specific adoption plan to realize business outcomes	Modernize existing workloads and create new products and services.	Expand IT operations to ensure cloud-based solutions can be operated through secure, cost effective processes
Process & Planning	<a href="#">Cloud Adoption Framework</a> <a href="#">Cloud Operating Model</a> <a href="#">Strategy and Planning</a>	<a href="#">Azure Readiness Guide</a> <a href="#">Azure Adoption Assessment</a> <a href="#">Cloud Adoption Strategy Guide</a>	<a href="#">Azure Migration Guide</a> <a href="#">Azure Migration Center</a> <a href="#">Plan your migration strategy</a>	<a href="#">Cloud Governance Model</a> <a href="#">Cloud Design Patterns</a> <a href="#">Best Practices</a>	<a href="#">Secure and manage migrated workloads</a> <a href="#">Governance Journey</a>
Tools & Technology	<a href="#">Building the cloud business case</a> <a href="#">Azure Pricing calculator</a> <a href="#">Azure TCO Calculator</a>	<a href="#">Azure Migrate</a> <a href="#">Azure Database Migration Guide</a> <a href="#">Data Migration Assistant</a> <a href="#">SQL Server Migration Assistant</a> <a href="#">Azure App Service migration assessment</a>	<a href="#">Azure Database Migration Service</a> <a href="#">Azure Site Recovery</a> <a href="#">Azure Databox</a> <a href="#">Migration Tool Decision Guide</a>	<a href="#">Cost Management</a> <a href="#">Azure Blueprints</a> <a href="#">Azure Advisor</a>	<a href="#">Azure Security Center</a> <a href="#">Azure Monitor</a> <a href="#">Azure Backup</a>
Resources	<a href="#">Customer Stories</a> <a href="#">Azure Free Trial</a> <a href="#">Microsoft Technology Center</a> <a href="#">Software Assurance Planning Benefits</a>	<a href="#">Architecture Design Guides</a> <a href="#">Azure Marketplace</a> <a href="#">Microsoft Technology Center</a> <a href="#">Software Assurance Planning Benefits</a>	<a href="#">Azure Architecture Center</a> <a href="#">Reference Architectures</a> <a href="#">Azure Reference Architectures</a> <a href="#">Quickstart Templates</a>	<a href="#">Azure BluePrint</a>	<a href="#">FedRAMP Blueprint</a> <a href="#">ATO Accelerator Program</a> <a href="#">Microsoft Trust Center</a>
Training	<a href="#">Customer Stories</a> <a href="#">Build Technical Skills</a> <a href="#">Skills and learning plans</a>	<a href="#">Designing Migrations for Azure</a> <a href="#">Assessing and Planning Azure Migration</a> <a href="#">Azure Architecture - Getting Started</a>	<a href="#">Azure Webinar Series</a> <a href="#">Whitepapers, Reports, and E-Books</a> <a href="#">Foundations for Cloud Architecture</a> <a href="#">Designing Migrations for Azure</a>	<a href="#">Build Technical Skills</a> <a href="#">Skills and learning plans</a> <a href="#">Azure Webinar Series</a> <a href="#">Whitepapers, Reports, and E-Books</a>	<a href="#">Azure Webinar Series</a> <a href="#">Whitepapers, Reports, and E-Books</a>



# People & Programs





# Microsoft Teams & People

## Account Team

- Owns the client relationship understanding client priorities and challenges
- Coordinates and orchestrates all Microsoft resources.
- Act as a strategic partner, serving as a customer advocate within and across Microsoft, opening doors when needed.

## Solutions Team

- Provide deep solution expertise based on four technical areas: Modern Workplace, Apps & Infrastructure, Business Applications; Data & AI.
- Connects the technology strategy to the business strategy by envisioning new ideas and solutions to solve existing and new problems.
- Understands and addresses technical blockers.

## Microsoft Technology Center

- Collaborative environments that provide access to innovative technologies and world-class expertise, enabling you to envision, design, and deploy solutions to meet your exact needs.
- Executive Envisioning, Adoption Strategy sessions, Architectural Design Sessions, Proof of Concepts, Workshops, and Hackathons.

## Customer Success

- Guide customers to better deploy, adopt, and get real business value from their investment in Microsoft
- Plan and drive technical onboarding & migration to accelerate time to value for your business
- Enable optimal adoption and usage through continued engagement

## FastTrack

- Helps customers deploy Microsoft cloud solutions.
- Guides customers through their onboarding activities via technical expertise, documentation and working sessions
- Provides direct assistance from Azure engineering to help customers build solutions quickly

## Engineering

- Engages with Microsoft's most important customers and partners to ensure their solutions are designed, built and deployed successfully on Azure
  - Technical Blockers
  - Platform Limitations
  - Complex / Mission Critical
  - Solution Guidance

## Microsoft Services

- Traditional consulting that provides Technology Transfer, Deployment, Customization of Microsoft based solutions.
- Provides experts in technical, industry, research, and engineering communities to deliver and deploy leading digital solutions across Government.

## Microsoft Premier Support

- Helps customers "get healthy and stay healthy" through innovative IP delivered proactively to prevent problems before they occur
- Provides technical account management, proactive advisory services, and fast issue resolution



# Microsoft Technology Center

Microsoft Technology Centers (MTCs) are collaborative environments that provide access to innovative technologies and world-class expertise, enabling you to envision, design, and deploy solutions to meet your exact needs.

- State of the Art facilities
- Envision what is possible
- Immersive, hands-on experience
- A Proven path that works.



*Strategy Briefing*



*Architecture Design Session*



*Proof of Concept*



*Workshops*



*Hackathon*

# ENVISIONING WORKSHOP

Ignite new or accelerate existing innovative government initiatives

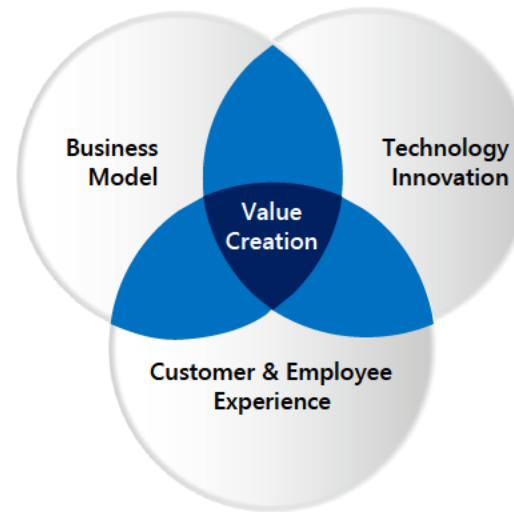
## Goal

Challenge the status quo and imagine the art of the possible to help organizations reinvent their core or reimagine their future

## Outcomes

Visual record that captures the session ideation in a high level blueprint comprising of a shared vision, roadmap, customer journeys and a series of micro-revolutions that help maintain leadership, advance innovation and accelerate growth or whatever the business outcome

## Strategic dimensions



## Tools & techniques



## Methodology



Research



Envision



Design

# Microsoft FastTrack

## Move confidently to the cloud with FastTrack

- Ongoing and repeatable benefit included in your purchase at no cost
- Online resources and tools available to all customers
- Assistance and guidance by Microsoft engineers and partners
- Onboarding, migration, user adoption, and devices management



## FastTrack for Microsoft 365

Helps organizations *accelerate deployment and gain end-user adoption* of Office 365, Windows 10, and Enterprise Mobility + Security

## FastTrack for Dynamics 365

Designed to help you move to Dynamics 365 smoothly to deliver business value faster. We offer *best practices, tools, resources, and experts* committed to making your experience a success

## FastTrack for Azure

Provides *direct assistance from Azure engineering* to help customers *build solutions quickly* and confidently to enable the *successful deployment* of Azure services.

# FastTrack for Azure Summary

## Benefits:

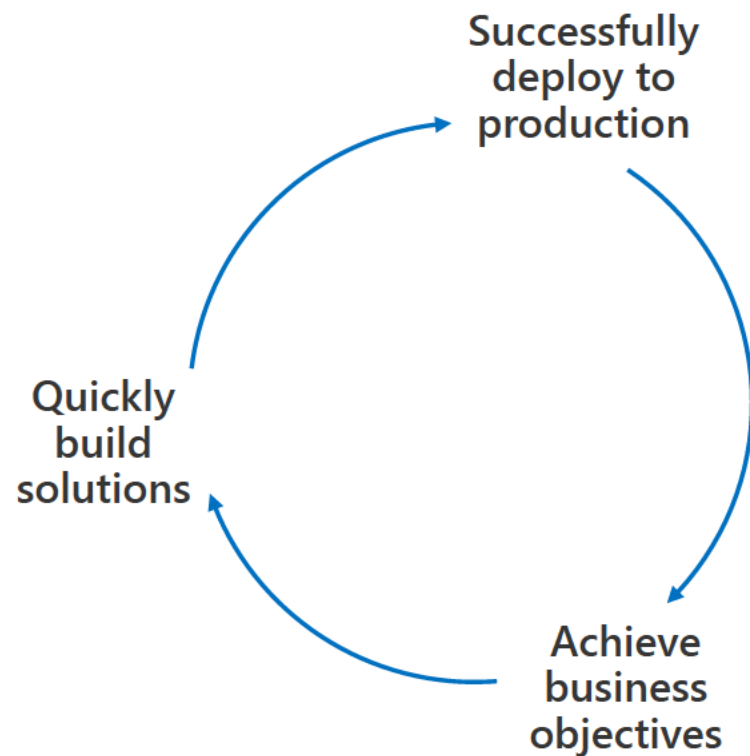
- **Direct assistance** from Azure engineers
- Proven practices, design principles and tools from **real customer experiences**
- Work **hand-in-hand** with Customer in-house resources and/or partners

## Key Phases:

**Plan:** Develop a vision and plan for customer-specific need

**Test:** Guide Azure platform configuration and solution proof-of-concept

**Use:** Deploy Azure solutions in production



[Azure.com/FastTrack](https://azure.com/FastTrack)

# Driving Customer Success

CSU resources across  
US Federal



## Customer Success Managers

Engage with BDMs to accelerate adoption Dynamics and Microsoft 365 to help our customers realize business outcomes and mission success

SaaS

Business  
outcomes



Deployment



Adoption and  
Change Management



## Cloud Solution Architects

Build cloud architectures, advanced workloads, and showcase Azure security to meet our customers' business and technical needs

IaaS and PaaS

Strategic Planning | Architecture Guidance | Training & Execution | Adoption | Cloud Liaison



# Microsoft Professional Services

Microsoft Professional Services helps accelerate business value from your technology investments. These services are available during the planning, implementation, maintenance, and optimization stages of your technology lifecycle and provide data, mobility, productivity and computing solutions for your on-premises, cloud and hybrid IT infrastructure.



**Planning Services** - Provides assessments and reviews of your current infrastructure, data, application and security environment to help plan your remediation, upgrade, migration, deployment or solution implementation based on your desired outcomes.



**Implementation Services** - Provides technical and project management expertise to accelerate design, deployment, migration, upgrade, and implementation of Microsoft technology solutions.



**Maintenance Services** - Helps prevent issues in your Microsoft environment and are typically scheduled in advance of the service delivery to help ensure resource availability.



**Optimization Services** - Focuses on the goals of optimal utilization of the customer's technology investment. These services may include remote administration of cloud services, optimizing the adoption of Microsoft product capabilities by end users and ensuring a robust security and identity posture.



**Education Services** - Provides training that help to enhance your support staff's technical and operational skills through either onsite, online or on-demand instruction

# Premier Support: proactive, preventative care

Premier Support is an end-to-end support service that helps you maximize the value of your on-premises and cloud-based software investments—reducing risk, improving system reliability, and making your people more productive.



## **SERVICE MANAGEMENT**

Work with a Technical Account Manager to assess, review, define, plan, and deliver your desired IT environment.



## **PROACTIVE SERVICES**

Use assessments, workshops, new technology deployment support, and more to optimize IT, reduce risks, and support ongoing IT initiatives.



## **PROBLEM RESOLUTION SERVICES**

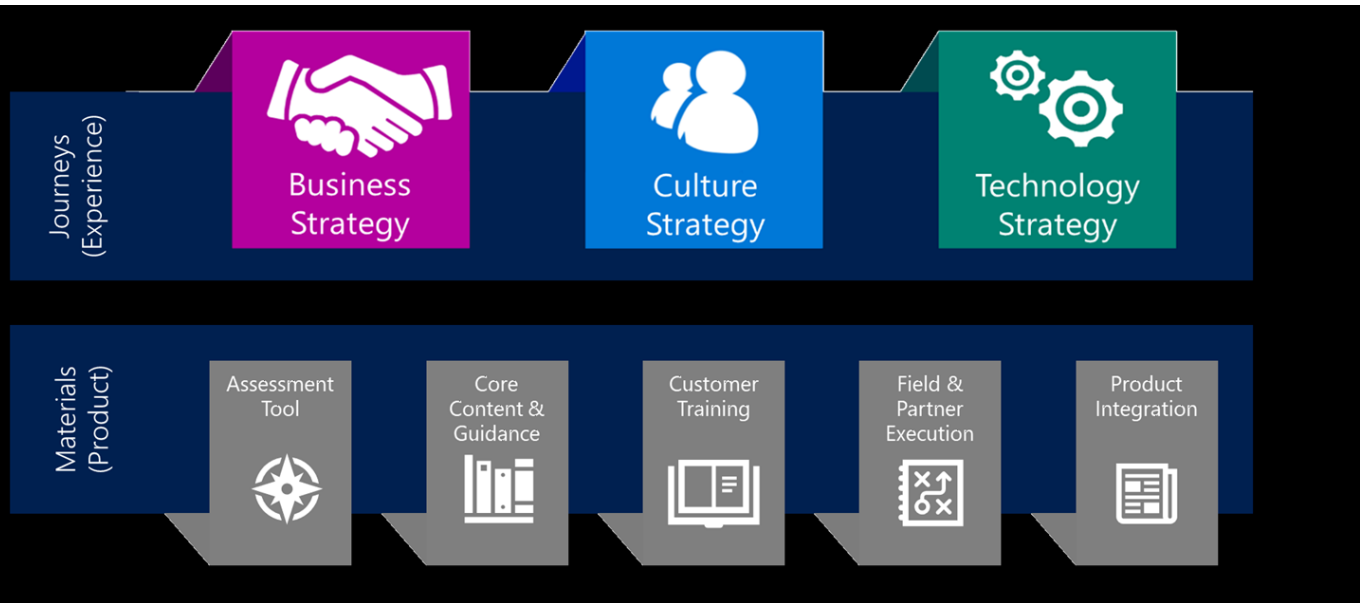
Help ensure rapid and effective solutions to minimize downtime.



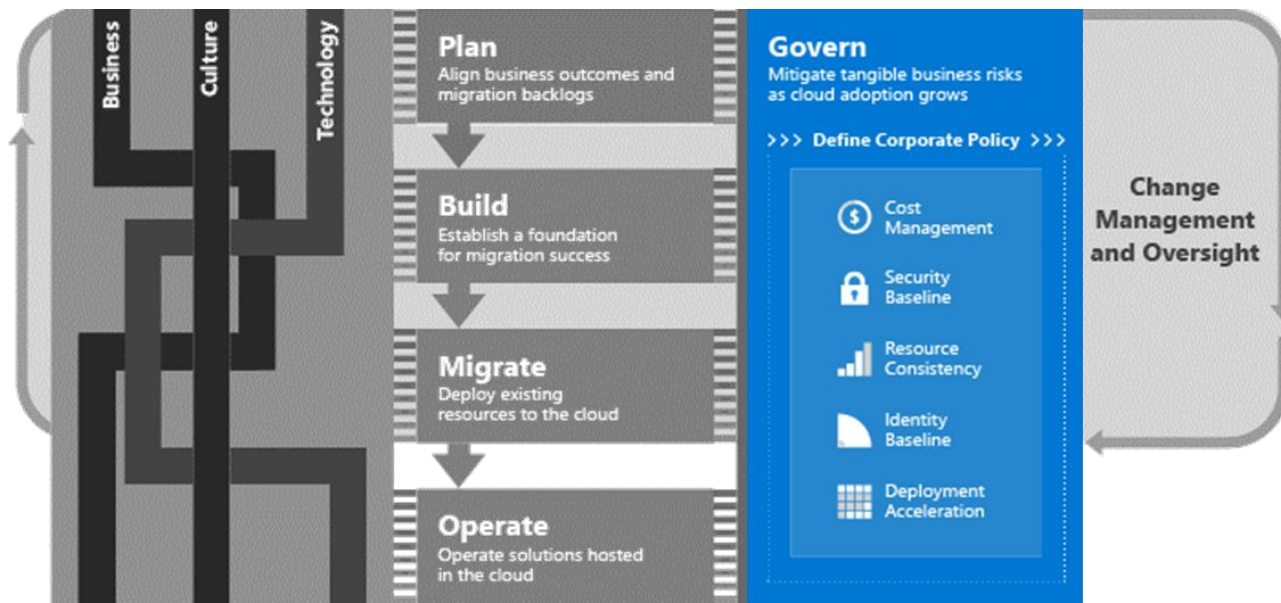
# Process & Planning



# Microsoft Cloud Adoption Framework (CAF)



[Cloud Adoption Framework](#) – A process for creating organization-wide cloud adoption strategy, focusing on policies, governance, and infrastructure



[Cloud Operating Model](#) - Framework to strategize, plan, migrate, and optimize infrastructure for the cloud: Business, Culture, and Technology Strategy

# Understand the business vision driving cloud adoption

## Business Vision

Defining your goals and mapping your vision will enable your organization to have a clear focus and move forward strategically in the right direction.

Get started by telling us about your vision for the future.

### In the next year...

Which of the following is most important to accomplish?

Optimizing operations and reduce costs

Engaging customers and improve digital experiences

Transforming products and services, driving new revenue opportunities

Empowering employees and improve agility

Which of the following best represents the most relevant business strategy focus?

Growing market share

Retaining customers

Improving physical/digital customer experiences

Disrupting the market with new solutions

Which of the following is most important to project success?

Hitting a critical business timeline (Exit a data center or launch an app)

Stabilizing or improving performance of an application

Securing assets and avoiding business risk

Improving governance positioning

Adopting new technologies

Expanding integration of data into products or services

What will you consider technical success?

Moving applications to the cloud

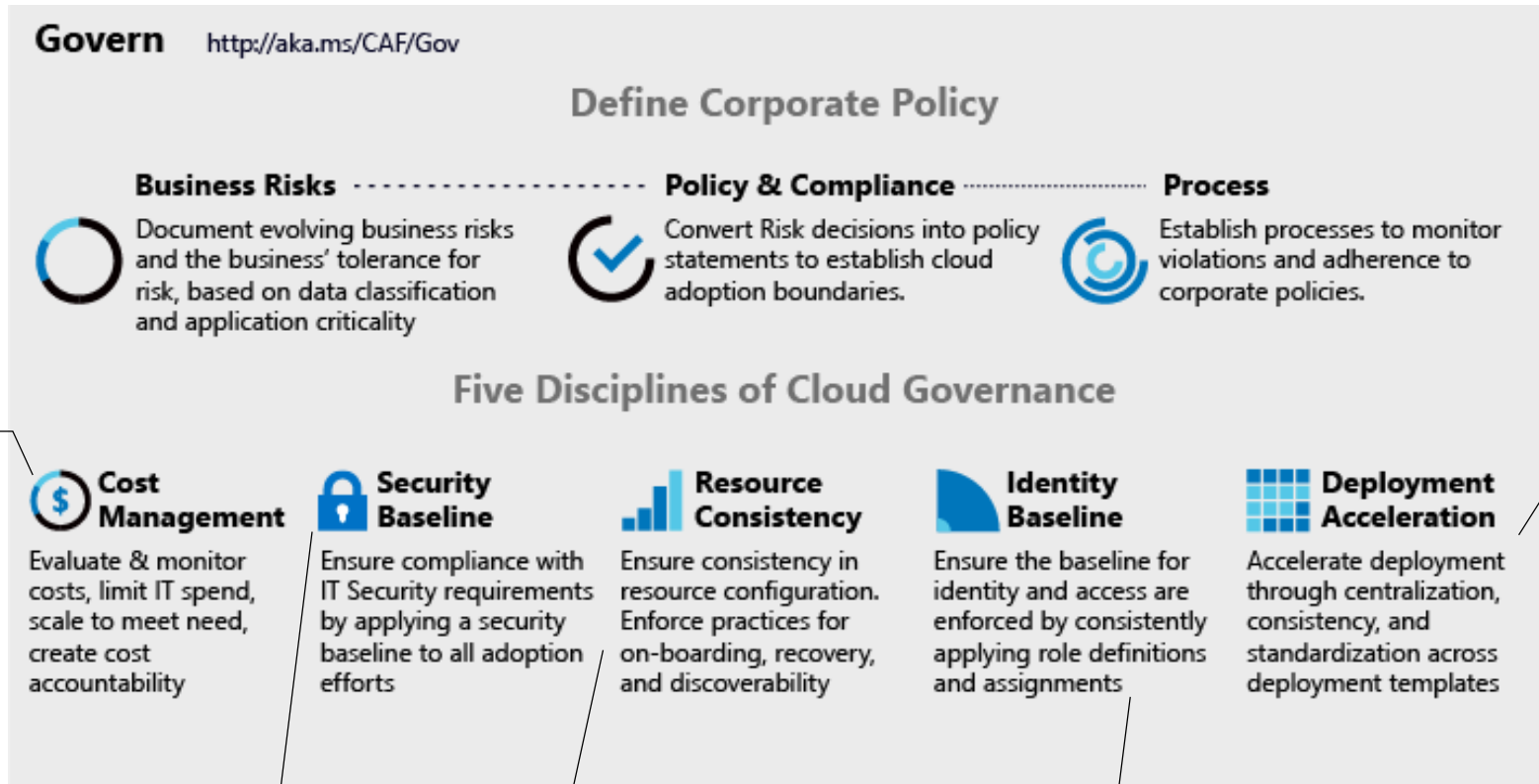
Building net new cloud native applications

Launching new data-driven or ambient intelligence solutions

Transforming your business to be cloud first

<https://fusionassessment.azurewebsites.net/>

# Making Governance actionable with native tools



- Azure Blueprints
- Azure Policy
- *Azure Cost Management*
- *Azure Advisor*
- Azure Portal
- Azure EA Content Pack

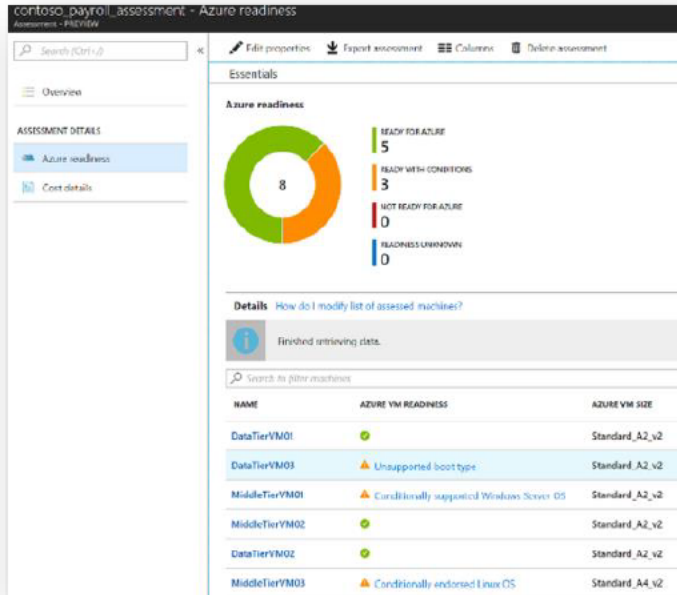
- Azure Blueprint
- Azure Policy
- Resource Grouping & Tagging
- Resource Manager Templates
- Azure DevOps
- Azure Site Recovery
- Azure Backup
- Azure Automation

- Azure Blueprints
- Azure Policy
- *Azure Security Center*
- Subscription Design
- Encryption
- Hybrid Identity
- Azure Networking
- Azure Automation

- Azure Blueprints
- Azure Policy
- *Azure Monitor*
- Resource Manager Templates
- Resource Graph
- Management Groups

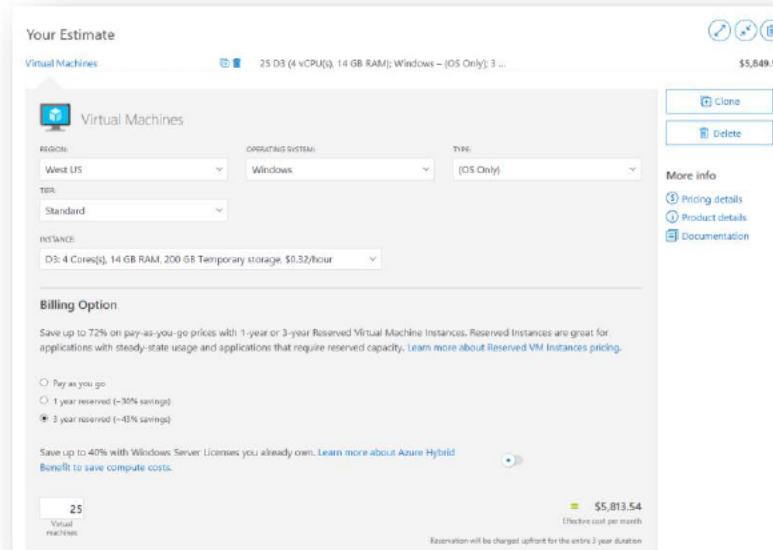
- Azure Blueprints
- *RBAC*
- Azure AD
- Azure AD B2B
- Azure AD B2C
- Directory Federation
- Directory Replication

# Building a cloud business case



## Gather Inventory

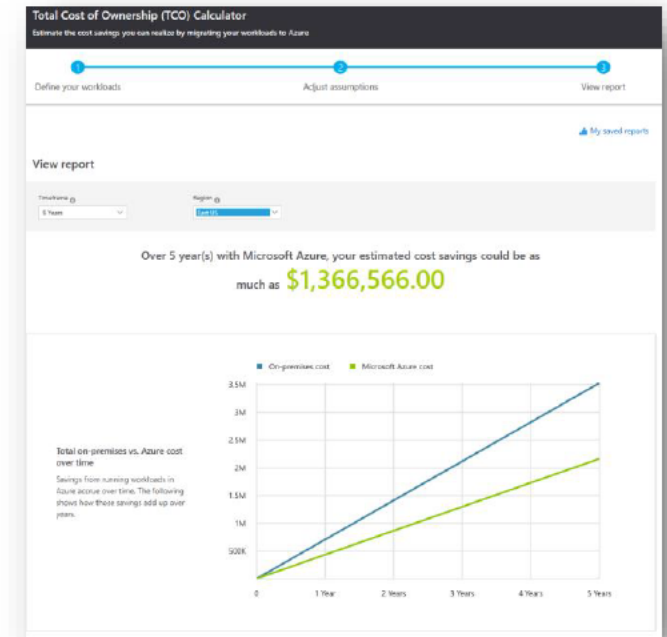
Azure Migrate or Partner Tools



## Azure Pricing Calculator

Configure and estimate costs for Azure products

[azure.com/pricing/calculator](https://azure.com/pricing/calculator)



## Azure TCO Calculator

Estimate on-premises costs vs. Azure

[azure.com/tco](https://azure.com/tco)

# Best practices for driving digital transformation



## People

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- Drive org culture change
- Set up center of excellence (CoE)
- Ensure right stakeholders are engaged
- Provide learning paths & certifications
- Use skilled partners



## Planning & Process

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- Build biz case w/ exec sponsorship
- Plan migration strategies
- Start small: Do a pilot
- Transformation scorecard
- Track and optimize cloud spends



## Technology

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- Choose the right tools for the job
- Govern environments & resources
- Extend networking/identity to Azure
- Establish robust security foundation
- Use integrated security/management tools

# Azure Starter Packs

Each starter pack includes essential services, support, and personalized technical guidance.

**Flexibility:** purchase a single SKU for a common workload and gain the flexibility to define your architecture as you go, choosing the services you need within the SKU without contract modification.

**Streamlined procurement:** includes all the parts required for a specific workload, so you can purchase a single SKU and be up and running quickly with the services you need.

**Built-in implementation guidance:** personalized guidance from Microsoft technical architects and Microsoft FastTrack for Azure engineers who support hundreds of cloud customers.



# Azure Starter Packs

## Azure Government Starter Pack: Websites/Apps



Provides government customers with a set of Azure services and implementation guidance for common website and application development needs. This starter pack can be used for the following scenarios and more:

- Task-based consumer mobile app
- Simple digital marketing website
- Social mobile and web app with authentication

## Azure Government Starter Pack: Datacenter Migration



Provides government customers with the initial services and support for a successful migration of a datacenter to Microsoft Azure Government

1. Transform legacy apps into cloud solutions with the support of subject matter experts.
2. Leverage Microsoft Azure as a primary or secondary datacenter for expansion and growth.
3. Migrate existing managed services from a co-location datacenter facility to Microsoft Azure.

## Azure Government Starter Pack: Dev Test



Designed to help government customers get up and running more quickly in the areas of bots and artificial intelligence to automate customer service. The Bot Service Starter Pack includes a week of support with a Technical Architect for implementation guidance. Customers should have knowledgeable developers with access to a database, frequently asked questions, or other material for a typical workflow for customer-driven scenario

## Azure Starter Pack: Bot Service with Translation



The Dev Test Starter Pack, powered by Azure Government, provides government customers with a packaged dev-test environment in your choice of three sizes: small, medium, or large. The Dev Test Starter Pack includes a week of support with a Microsoft FastTrack for Azure engineer(s) or a Technical Architect to onboard you to your packaged dev-test environment

## Azure Starter Pack: IoT Proof of Concept



Provides government customers with essential services, support, and implementation guidance for a proof of concept for an IoT solution to connect and manage devices on any platform, mine new and existing data using real-time analytics solutions, and deliver these insights across the organization

# Azure Migration Center

- Methodology
- Migration journey and strategies
- Built-In Tools
- Migration Scenarios & Guidance
- Resources
- Training
- Migration Experts

The screenshot shows the Microsoft Azure Migration Center website. At the top, the Microsoft Azure logo is on the left, and 'Contact Sales: 1-800-867-' is on the right. Below the logo is a navigation bar with links: Overview, Solutions, Products, Documentation, Pricing, Training, Marketplace, Partners, Support, and Blog. The main content area has a dark blue background with the heading 'Azure migration center' in white. Below the heading is a paragraph: 'Azure is the only hybrid cloud to help you with cost-effective, flexible cloud migration paths. Get all the tools and resources you need to migrate your apps, data, and infrastructure at your own pace, with confidence.' A green button with the text 'Start free >' is positioned below the paragraph. At the bottom of the main content area is a white navigation bar with links: Home, Get started, Resources, Support, Webinars, and Workloads. The 'Home' link is underlined. Below this navigation bar is a section titled 'Start your cloud migration journey' in bold. Underneath this title is a paragraph: 'Join thousands of customers who are migrating to Azure using a proven methodology, Microsoft and partner tools, and a large ecosystem of partners to help during the move.'

Microsoft Azure

Contact Sales: 1-800-867-

Overview Solutions Products Documentation Pricing Training Marketplace Partners Support Blog

## Azure migration center

Azure is the only hybrid cloud to help you with cost-effective, flexible cloud migration paths. Get all the tools and resources you need to migrate your apps, data, and infrastructure at your own pace, with confidence.

Start free >

Home Get started Resources Support Webinars Workloads

### Start your cloud migration journey

Join thousands of customers who are migrating to Azure using a proven methodology, Microsoft and partner tools, and a large ecosystem of partners to help during the move.



(b) (4)



# Tools & Technology



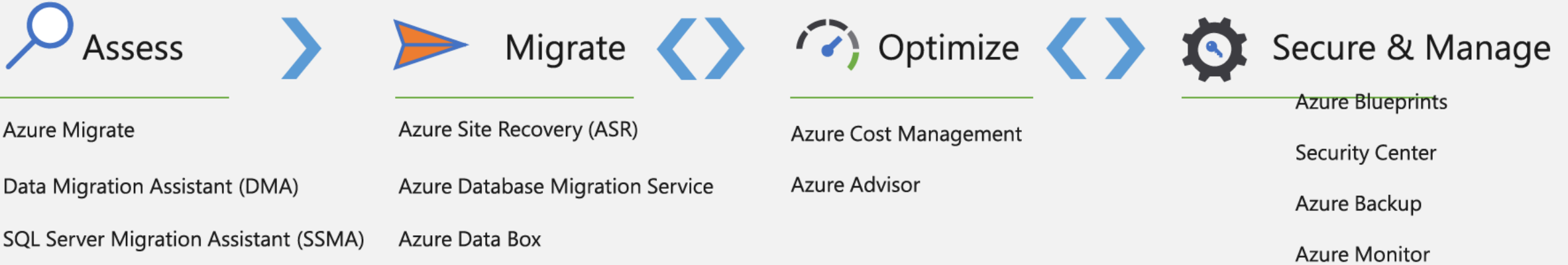
# Cloud Adoption Accelerators



1. Cloud Application Architecture Guides
2. Customer Ready Reference Architectures
  - [AI](#) | [Big data](#) | [IoT](#) | [Microservices](#) | [Serverless](#) | [Virtual networks](#) | [VM workloads](#) | [SAP](#) | [Active Directory](#) | [Web apps](#)
3. Cloud Adoption Framework
  - Strategy, Migration, Planning, Implementation
4. Cloud Blueprints
  - [FedRAMP Blueprint](#) | [NIST SP 800-171 Blueprint](#) | [HIPAA / HITRUST Blueprint](#)
5. GitHub
  - Over 16,000 Contributions
  - Apache Spark, Virtual Agents, IOT, Mixed Reality, Artificial Intelligence, countless more
6. Dynamics
  - Shared Service Accelerators from a wide variety of partners across Public sector

# Choice of tools for every stage and every requirement

Goal is successful cloud migration: Pick the right tool for the job



## We embrace ISV solutions



# Government Ready Cloud Governance

Governance becomes very critical as you scale Azure migration efforts



## Management Group

Define organizational hierarchy

**Hierarchy**



## Policy

Real-time enforcement, compliance assessment and remediation

**Control**



## Blueprints

Deploy/update cloud environments in a repeatable manner using artifacts for FedRAMP, 800-53

**Environment**



## Resource Graph

Query, explore & analyze cloud resources at scale

**Visibility**



## Cost Management

Monitor cloud spend and optimize resources across Azure and AWS.

**Consumption**

# Azure Blueprint

Turn-key solutions and support tailored to the needs of industry:



Expertise



Governance  
Architecture



Automation



Partnership

**4-pillar offering** that enables customers to deploy secure and compliant applications in less time, and at a lower cost, than is possible with any other platform, architecture, or environment.





(b) (4)

# Azure ATO Accelerator Program

14

Standard security  
practices

147

Points of automated  
validation

100%

Agency customized,  
security coverage, for  
mission owners

56

Onsite Support for  
Agency ATOs

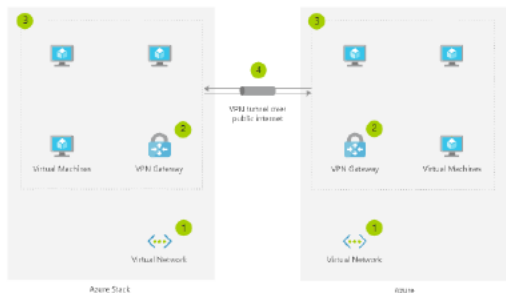
50-80%

Decrease in  
FISMA/FedRAMP  
Authorization Time

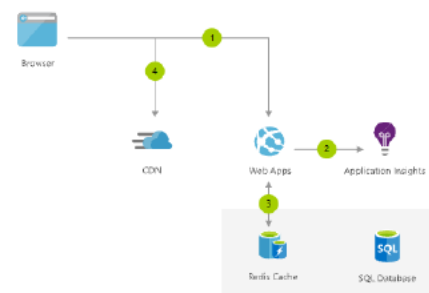


# Azure solution architectures

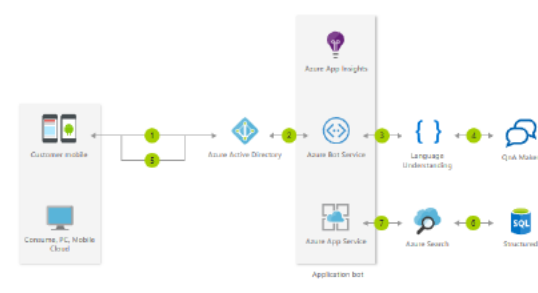
Architectures to help you design and implement secure, highly-available, performant and resilient solutions on Azure



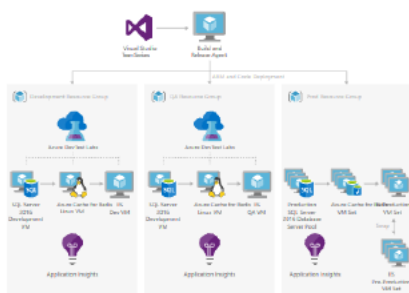
Hybrid connectivity with Azure Stack



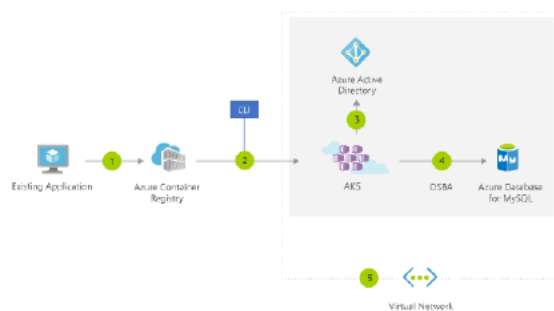
Simple branded website



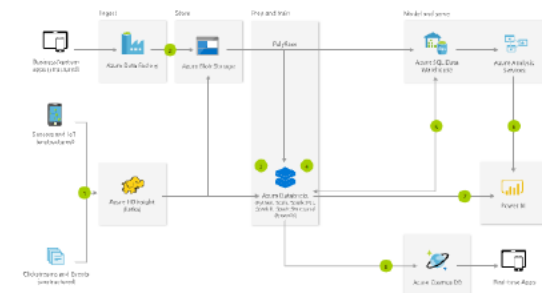
Information Chatbot



Dev-Test deployment for testing IaaS solutions



Easily migrate existing application



Real-time analytics

# Azure Resources



## Training

Discover free Azure training and certification programs



## Webinars

Register for upcoming Azure webinars and watch on-demand webinars



## Knowledge center

Find answers to common support questions



## White papers

View popular white papers, analyst reports, and e-books



## Videos

Explore hundreds of how-to videos and presentations on Azure topics



## Events

See what's coming up in your area



## Code samples

Learn how to get the most out of Azure services through code



## Templates

Deploy Azure resources with community-contributed Quickstart templates



## Downloads

Get the SDKs and command-line tools you need



## Azure updates

Stay up to date on all things Azure-product updates, roadmap, and announcements



## Case studies

Read examples of how world-class companies innovate with Azure services

# Azure Quickstart Templates

Deploy Azure resources through the Azure Resource Manager with community contributed templates to get more done. Azure Resource Manager allows you to provision your applications using a declarative template. In a single template, you can deploy multiple services along with their dependencies.

## Deploy a simple Windows VM

This template allows you to deploy a simple Windows VM using a few different options for the Windows version, using the latest patched version. This will deploy a A2 size ...

## Deploy a Windows VM and enable backup using Azure Backup

This template allows you to deploy simple Windows VM and Recovery Services Vault configured with the DefaultPolicy for Protection.

## Azure Container Service (AKS)

Deploy a managed cluster with Azure Container Service (AKS)

## Create Storage Account and Blob Container

Creates an Azure Storage account and a blob container. Template originally authored by John Downs.

## Create a Site-to-Site VPN Connection

This template allows you to create a Site-to-Site VPN Connection using Virtual Network Gateways

## Azure Container Instances - Linux container with public IP

Deploy a single Linux container accessible via a public IP using Azure Container Instances.

## GitHub Enterprise

GitHub Enterprise is the private version of GitHub.com that will run on a VM in your Azure subscription. It makes collaborative coding possible and enjoyable for enterpri...

## Azure Search service

This template creates an Azure Search service

## Blockchain Template

Deploy a VM with blockchain software.

# Azure Resources



## Training

Discover free Azure training and certification programs



## Webinars

Register for upcoming Azure webinars and watch on-demand webinars



## Knowledge center

Find answers to common support questions



## White papers

View popular white papers, analyst reports, and e-books



## Videos

Explore hundreds of how-to videos and presentations on Azure topics



## Events

See what's coming up in your area



## Code samples

Learn how to get the most out of Azure services through code



## Templates

Deploy Azure resources with community-contributed Quickstart templates



## Downloads

Get the SDKs and command-line tools you need



## Azure updates

Stay up to date on all things Azure-product updates, roadmap, and announcements



## Case studies

Read examples of how world-class companies innovate with Azure services



Training





# Training and Learning

[Microsoft Learn](#) is the easiest way to learn products and services through task-based, interactive learning with over **80 hours** of free content.

[Pluralsight](#) - Explore more advanced Azure topics with over 130 free online courses across three Azure roles

[LinkedIn Learning](#) - Drive engagement through a learning experience that's personalized and social

[Role Based Certifications](#) - Earn a technical certification that shows you are keeping pace with today's technical roles and requirements.

[Instructor Lead Courses](#) - Choose a traditional classroom training setting or one of the Microsoft Official Course On-Demand (MOC On-Demand) options. (\$\$)

[Microsoft Hands-On Labs](#) - Practice with the latest cloud products and services in a live environment and advance your cloud skills for free.

[Azure Webinars](#) and [Azure Video Center](#) - Watch online presentations and get answers about Azure. Be sure to check out Azure Fridays and the upcoming Webinars.

[Microsoft Events](#) - Search for in-person, on-demand, and online events across all solution areas and products.

# Training and Certification

Microsoft offers a comprehensive collection of training options that empower technical professionals to learn in a style that fits best, allowing them to earn achievement badges for the skills they've learned, to help you earn achievements and prepare for Microsoft role-based certifications.



## Microlearning

Learn Microsoft technologies online for free in a bite-sized, engaging, and interactive way

- Step-by-step, bite-sized tutorials by product, skill level, and job role
- Hands-on learning with interactive browser-based scripting environments
- Immediate assessment via knowledge quizzes

☐ Microsoft Learn



## Online courses

Build practical job skills with online courses that align to role-based certification

- Self-paced, structured courses with the ability to track progress and maintain a transcript
- Hands-on learning with hands-on labs
- Knowledge assessments

☐ Microsoft Learning partners

☐ Pluralsight

☐ LinkedIn Learning



## Facilitated workshops

Sharpen your technical skills with scenario-based workshops

- 1 day focused around a specific Azure scenario: technical skills development via architectural solution design and/or hackathon.
- Extensive catalog with several foundational workshops
- Whiteboard Design and Hackathon content from MS boot camps

☐ Microsoft Learning Partner

☐ CSE 'Code with' Hackathons



## Instructor-led

Sharpen your technical skills with in-depth training solutions offered by Learning Partners

- Blended learning, in-person, and online to suit learning needs
- Delivered by Microsoft Certified Trainers
- Deep technical training to give you the technical expertise

☐ Microsoft Learning Partners



## Certification

Validate your skills with industry recognized certifications

- New role-based certifications, including varying levels (Fundamentals, Associate, Expert)
- Industry-recognized technical certifications
- Share "credentials" with your professional network with an online badge

☐ [aka.ms/MSCert](https://aka.ms/MSCert)

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